

【8-loop flash alarm controller】

➤ Product outline

8-loop flash alarm controller adopts advanced microprocessor for smart control, and can match use with our any control instrument or other contact control instrument. It can detect simultaneously 8-loop signals. Inputs and mainframe both adopt photoelectric isolation structure.

Alarm input signals are: contact open-circuit alarm, contact closed-circuit alarm, TTL level signals. Alarm output modes are: flash alarm, sound alarm, relay contact output alarm (optional for memory function or not)

It adopts high brightness LED or long-lifetime planar luminotron separate indicate the current condition for every loop. The operational parameters exceeds the control point, the alarm controller will alarm with sound or flash, as well as output alarm signal. Can carry serial communication interface.

➤ Main technical parameters

>> Input signals

Switched quantity: • Various independent each other contact signals (On/off)

TTL level: Standard TTL level of 0~5 V, high level alarm

>> Output signals

switched quantity output: • relay control output-On/off (with backlash)

- Contact capacity: AC 220V/3A; DC24 V/5A (resistive load)

communication output: • standard serial both-way communication interface

- communication mode: RS-232C, RS-485
- baud rate 300~9600 bps (free set up)
- (only model X803 has communication function)

>> Features

measuring channel

- 8-channels (in digital alarm, instrument users can shut any channel which are not using)

display mode

- LED of 0.8 inch high brightness displays the operation state for all channels.
- Displays all channels operation state by planar luminotron tube
- Displays LED operation state

Alarm mode

- sound alarm: 220 V/8W electric bell (self-provided by users), buzzer (built-in instrument)
- Flash alarm: flash alarm for current alarm channel.

Alarm output

- Relay contact capacity: AC220V/3A; DC24V/5A (resistive load)

Silencing test

- users self-provide the panel silencing button and external connection silencing test button

Parameter set

- Digital set on gently-touched panel keystroke;
- permanent storage of parameter set value even after breaking off.
- Parameters set value can be locked with cipher code

➤ Outline dimension and open hole dimension



Outline dimension: 160×80×140mm

Open hole dimension: $152^{+0.7}_{-0} \times 76^{+0.7}_{-0}$ mm

➤ **Type spectrum table for 8-loop flash alarm controller**

Model							Explanation
WP-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Outline feature	X						8-bits high brightness LED indication have communication function
	B						Planar luminotron tube indication (is approved red) without communication function
Outline dimension		8					160×80 mm
Control action			03				Flash alarm (with relay output)
Communication mode			0				Without communication interface
			2				RS-232C communication interface
			8				RS-485 communication interface
Input type				A			Contact closed-circuit alarm
				B			Contact open-circuit alarm
				C			Standard TTL level(while ordering marking input scope)
				D			Standard specification input
Feed output					P		DC 24 V feed output (without feed output may be omitted)
Supply mode							AC 220 V linear power supply (can be omitted)
						T	AC(90~265) V (switch power supply)
						W	DC 24 V

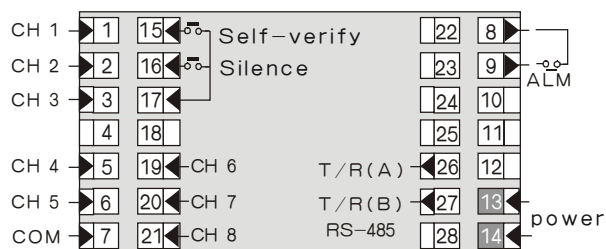
★ Note: WP-B803 without communication function, if need with communication output, choose WP-X803 please.

★ Note: special requirement on type or technical parameters, please provide relative technical parameters

★ Option as an example: WP-X803-0-A; WP-X803-2-B-T

➤ **Wiring diagram**

>> **Wiring diagram for open/close circuit alarm input**



>> **Wiring diagram for TTL level alarm input**

